# Direct drives: IEF-Werner extends the euroLINE range downwards

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# Compact, accurate and very strong

Direct drives are the suitable solution for dynamic and precise handling and assembly work. They are compact, fast and accurate in positioning and repetition. With the euroLINE series, IEF-Werner GmbH offers a proven series of direct drives. The automation specialist has added a variant to the product line. The user receives a compact axis with a stroke of up to 3.75 meters and a maximum speed of five meters per second with the euroLINE 140.

Furtwangen, 13.07.2020 – With the euroLINE series, IEF-Werner offers various versions that are particularly suitable for dynamic and precise applications, for example in handling and assembly technology as well as in semiconductor and electronics production. New to the range is the euroLINE 140, which moves small and medium-sized handling weights of up to 30 kilograms.

It is extremely quiet, fast and accurate in position and thus provides important prerequisites to be used in measuring systems. Due to the flexible metal band cover, the direct drive is encapsulated, which largely prevents the penetration of dirt and the release of particles. It can therefore operate reliably in both dirty and very clean environments, for example in clean rooms or in the pharmaceutical industry. Several independent carriages can also be mounted on one guide to save space with the euroLINE 140. The euroLINE 140 linear unit is ideal for setting up multi-axis positioning systems, e.g. with the euroLINE 200 linear unit.

Its smallest stroke is ten millimetres and reaches a maximum of 3,754 millimetres in 48 millimetre increments. The version achieves a maximum speed of five metres per second, with a repeat accuracy of ± 0.005 millimetres. Its peak force is 420 Newton. The euroLINE 140 can accommodate torques of up to 200 Newton metres on the slide.

All components such as linear motor and displacement encoder are integrated in the linear unit. This provides the customer with a ready-to-install solution that requires little effort in design and assembly - and with its compact dimensions it takes up little space.

Local court: Freiburg | General Manager: Stefan Deck, Manfred Meyer | Trade register: HRB 611072

***Meta-Title:*** *It's getting compact: IEF-Werner extends the euroLINE series*

***Meta-Description:*** *The new euroLINE 140 provides the user with a compact axis with a stroke of up to 3.75 metres and a maximum speed of five metres per second.*

***Keywords:*** *IEF-Werner; euroLINE; Direct drive; Linear motor; Dynamics; Handling technology; Assembly technology; Semiconductor production; Electronics production*

2.545 Characters (incl. blanks)

Captions:

Picture 1: IEF-Werner has expanded the euroLINE series.

Picture 2: With the euroLINE 140, several independent carriages can also be mounted on one guide to save space.

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Picture 3: The euroLINE 140 linear unit is ideally suited for setting up multi-axis positioning systems, e.g. with the euroLINE 200 linear unit

Images: IEF-Werner GmbH

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